bio-protocol Preprint

Not Peer Reviewed
Ask a question online

HiCRep analysis

SS Sarah G Swygert TT Toshio Tsukiyama

Updated date: Aug 2, 2022

An abbreviated version of this protocol was published in eLIFE in Nov 2021

Local chromatin fiber folding represses transcription and loop extrusion in quiescent cells

DOI: 10.7554/eLife.72062

Detailed protocol

HiCRep code and instructions for implementing in Python are available here:

https://github.com/dejunlin/hicrep

Please also see the referenced publication:

Dejun Lin, Justin Sanders, William Stafford Noble, HiCRep.py: fast comparison of Hi-C contact matrices in Python, *Bioinformatics*, Volume 37, Issue 18, 15 September 2021, Pages 2996–2997, https://doi.org/10.1093/bioinformatics/btab097

How to cite:(Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Swygert, S. and Tsukiyama, T. (2022). HiCRep analysis. Bio-protocol Preprint. bio-protocol.org/prep1840.
2. Swygert, S. G., Lin, D., Portillo-Ledesma, S., Lin, P., Hunt, D. R., Kao, C., Schlick, T., Noble, W. S. and Tsukiyama, T.(2021). Local chromatin fiber folding represses transcription and loop extrusion in quiescent cells. eLIFE. DOI: 10.7554/eLife.72062

Copyright: Content may be subjected to copyright.